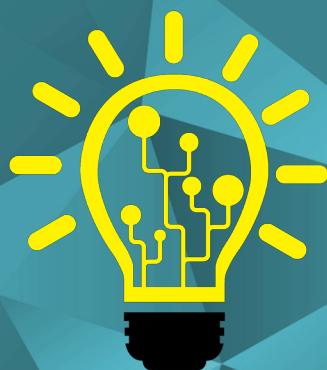
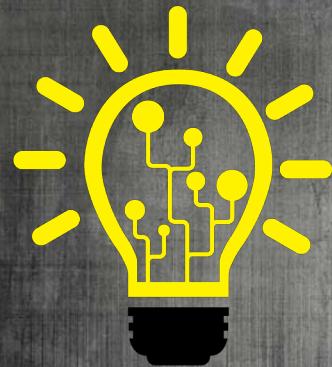


ELITETHINK

ELECTRONIC TESTING CENTER



USER MANUAL



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ABOUT US



ANDREW WHITING
PROJECT MANAGER



JEREME SCHEFFEL
SECRETARY

DANIEL SWAN
ASSISTANT PROJECT MANAGER



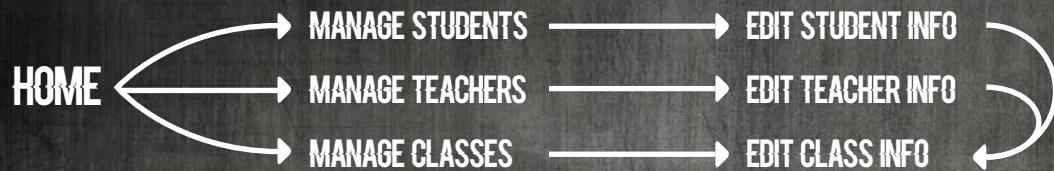
JESSE DAVIS
SCHEDULER



SITE MAP

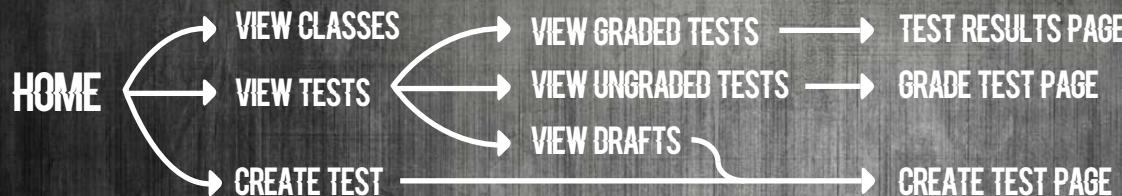
ADMINISTRATOR

AUTHORITATIVE ACCOUNT TO CREATE NEW TEACHERS, NEW CLASSES, AND ENROLL NEW & EXISTING STUDENTS



TEACHER

MANAGEMENT ACCOUNT TO CREATE TESTS, ASSIGN TESTS TO CLASSES, AND GRADE STUDENT TESTS



STUDENT

USER ACCOUNT FOR STUDENTS TO TAKE ASSIGNED TESTS AND VIEW GRADES ON TESTS AND AVERAGES IN A CLASS



INTERNET BROWSER



GOOGLE CHROME

FIREFOX

IE / EDGE 8+

OPERA 12.1+

SAFARI 5.1+

SERVER SIDE

PHP SERVER



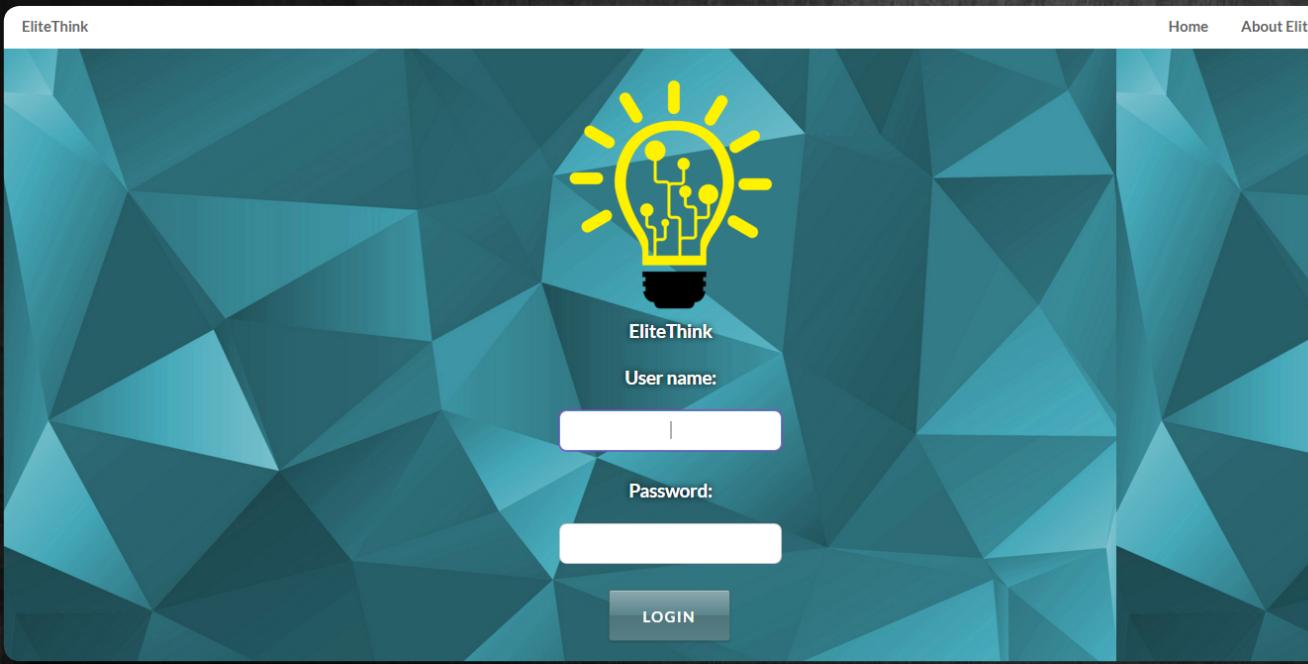
MYSQL SERVER



IIS SERVER



GETTING STARTED



LOGGING IN / OUT

- Simply type in your Username and Password the Administrator has provided into the appropriate text boxes and click the "Login" button.
- If you are not logged in, you will be redirected to the login screen.
- Log out at any time by selecting the "Logout" link in the top-right.

SITE FEATURE NAVIGATION BAR

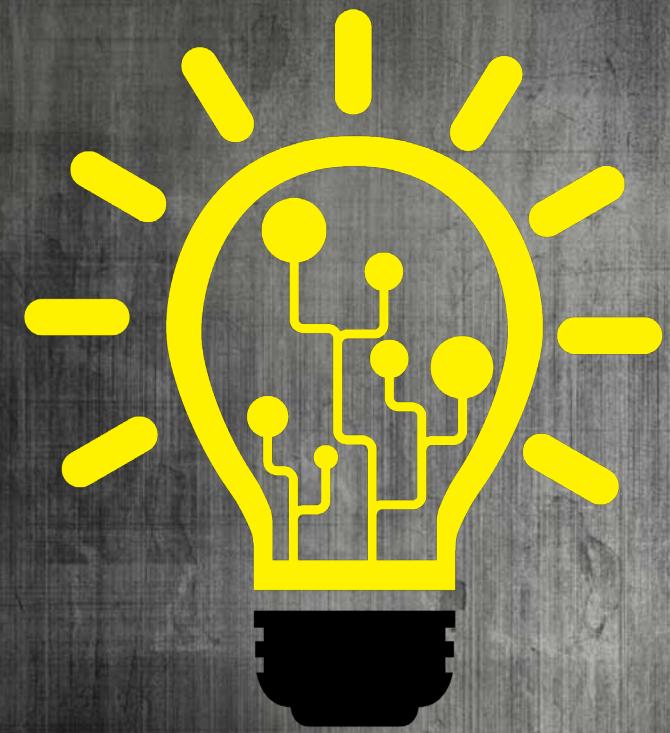
Once logged in, you will see a customized welcome that changes throughout the day.

Good evening, Jereme

Logout

View customized options determined by the user's permissions.

Quickly view the creator's information.



ADMINISTRATORS

Good evening, Jesse

Home Manage Students Manage Teachers Manage Classes About Elite Logout

Administration Home

Manage any of the following

STUDENTS TEACHERS CLASSES

ADMIN HOME

- With the simple navigation, the user has the choice to manage any of the choices such as Students, Teachers, or Classes.
- The Home Page is a splash page, but the user can switch screens at any time by using the quick links on the top navigation bar.

SITE FEATURE SORTING

Anytime you see a heading, you can click on the header and the program will automatically sort by that column.

Click a Student to make changes

ID	First	Last	Email
111111	Caleb	Mann	mann@gr...
111112	Lee	Richards	richards...

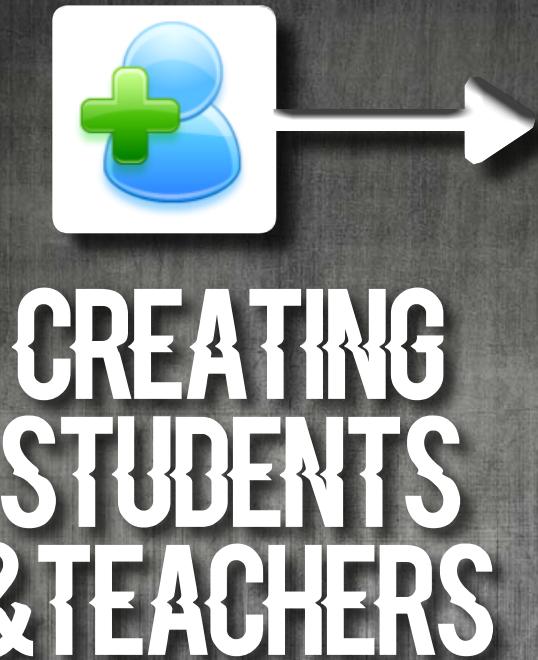
ADMINISTRATOR

CREATING

The screenshot shows a "Student Manager" interface. At the top, there is a navigation bar with links: Home, Manage Students, Manage Teachers, Manage Classes, About Elite, and Logout. Below the navigation bar, the title "Student Manager" is displayed. A message "Click a Student to make changes" is shown above a table. The table has columns: ID, First, Last, Email, and Password. The data in the table is as follows:

ID	First	Last	Email	Password
111111	Caleb	Mann	mann@gmail.com	pinocchio
111112	Lee	Richards	richards@gmail.com	p_underscore
111113	Paul	Arcino	hash@brown.yum	frenchtoast
111114	Ryan	Carroll	r&r@gmail.com	googlefanboi
111115	Karmell	Villalon	kvillalon@yahoo.com	boobear
111117	Nathan	Holan	blackhole@yahoo.com	blackhole

- This page will have a list of every student or teacher that is in the program depending on the selected page. The user will see the basic information and can use this to advise Students & Teachers of their login information.
- Information displayed: ID, First name, Last name, Email, and Password.



The screenshot shows a "Add a Student" dialog box. It contains the following fields:
First name: Joe
Last name: Smith
Password: Password
Email: joe.smith@gmail.com
A "SUBMIT" button is at the bottom right.

- To Enroll a New Student or Teacher, click the "+" icon in the top right of the screen.
- Enter the basic information for the New Student or Teacher.
- Hit "Submit" when the information is complete. If there are errors, the user will be warned at this time. The table will automatically update fields.

ADMINISTRATOR

UPDATING

Student Manager

Click a Student to make changes

ID	First	Last	Email
111111	Caleb	Mann	mann@gmail.com
111112	Lee	Richards	richards@gmail.com
111113	Paul	Arcino	hash@brown.yum
111114	Ryan	Carroll	r&r@gmail.com
111115	Karmell	Villalon	kvillalon@yahoo.com
111117	Nathan	Holan	blackhole@yahoo.com

Mann, Caleb (111111)

111111 Mann, Caleb

ID	First	Last	Email
111111	Caleb	Mann	mann@gmail.com

Enrolled Classes

Course #	Course Name
PE 120	Basketball
TX 101	Taxidermy

PERSONAL INFO PAGE

- On the Student or Teacher Manager page, Click on any of the people in the list to be brought to the Personal Editing Page.
- The Editing Personal Info Page will allow the user to view the individual's information and specific details for enrollment.

16

Users may quickly jump to different users in this drop-down feature.

Sparks, Jon

111121 Sparks, Jonathan

ID	First	Last	Email	Password
111121	Jonathan	Sparks	mann@gmail.com	pinocchio

ENROLL STUDENT

- Select a class -

Classes

Course #	Course Name	Assigned #
CS 303	Database I	Taxidermy

- The Teacher's Page will display current instructed classes.
- Quickly edit the class enrollment or assigned instructor by selecting a class.

17

To edit any saved details, select this icon and update.

- The Student's Page will display currently enrolled classes in the bottom left
- Quickly Enroll into a new class in the bottom right by selecting, and selecting "Enroll"

ADMINISTRATOR

ENROLLING



CREATING CLASSES

Add a Course

Course name:
.NET Programming

Course Number:
CS 364

- Select a Teacher -

SUBMIT

- To Create a New Class, Select the "+" icon in the top right of the screen on the "Manage Classes" page.
- Enter the basic information for the New Class and Select a Teacher.
- Hit "Submit" when the information is complete. If there are errors, the user will be warned at this time. The table will automatically update fields.

Class Manager

Select a Class to Add Students

Course Id	Course Number
1	CS 364
10	TT101
11	SP 410
12	CS 114
13	TX 101
14	HI 201

CS 364 - .NET Programming

Add or Remove Students

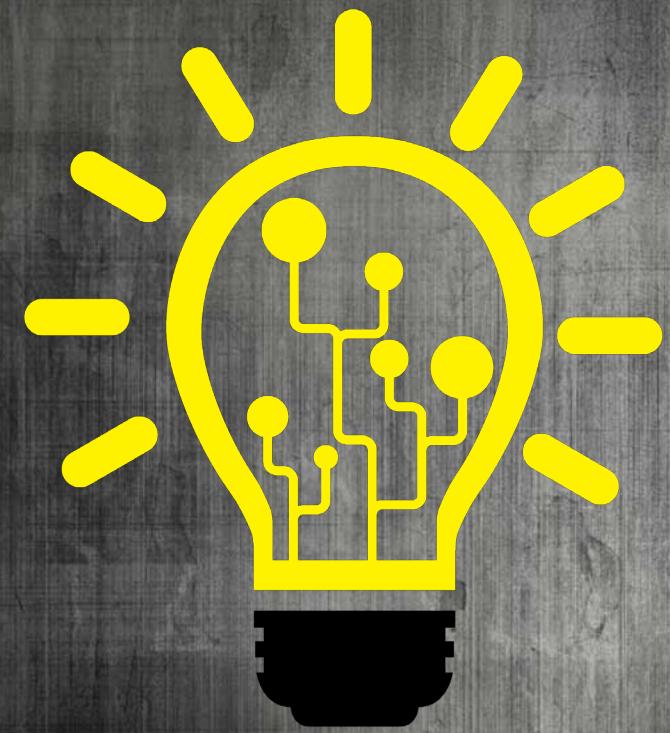
Instructor: 11116 Geary, Mich

Enrolled	ID	Last Name	First Name
<input checked="" type="checkbox"/> Add	111114	Carroll	Ryan
<input checked="" type="checkbox"/> Add	111140	Chartier	Gabriel
<input checked="" type="checkbox"/> Add	111138	Cook	Doug
<input checked="" type="checkbox"/> Add	111115	Villalon	Karmell
<input type="checkbox"/> Add	111121	</div>	</div>
<input type="checkbox"/> Add	111122	Abata	Josh
<input type="checkbox"/> Add	111123	Andjill	Jack

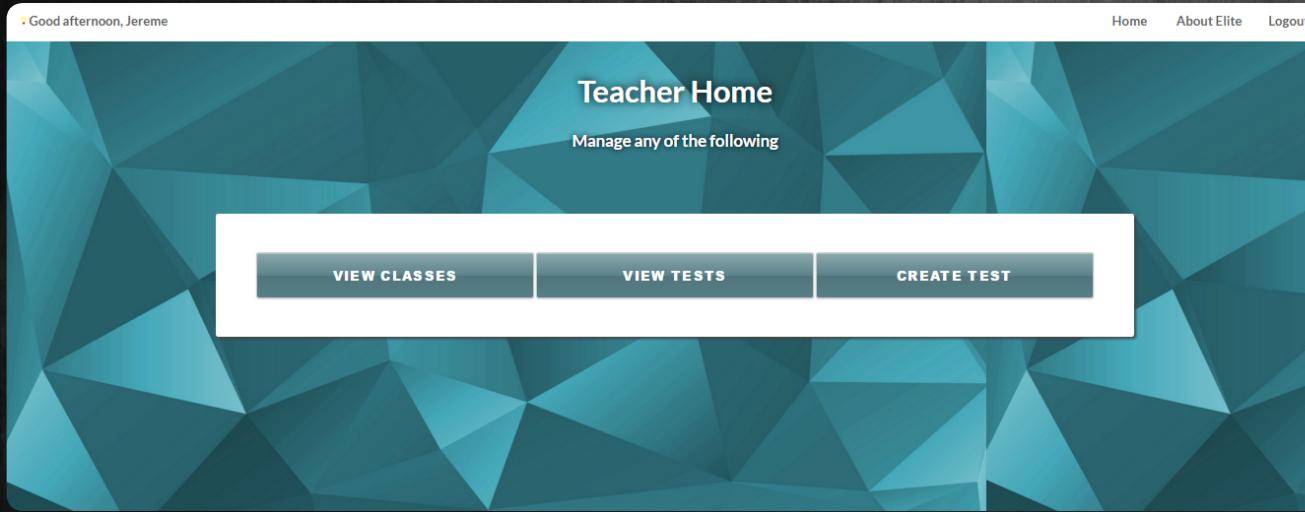
ENROLLED ✓
NOT ENROLLED X

SAVE CHANGES

- 1) Administrators can quickly Enroll Students on their Personal Info Page on the previous page, or navigate to the "Manage Classes Page".
 - 2) Manage the full Class Enrollment by selecting a Class from the table and simply selecting the desired Students' Check box.
- Edit the assigned Teacher on this page if necessary.
 - When the user is satisfied with the changes, Click **SAVE CHANGES**



TEACHERS



TEACHER HOME

- With the simple navigation, the user has the choice to manage any of the choices such as viewing their classes, viewing tests, or creating a test.
- The Home Page is the main console the User will interact with. Most of the features are interactive and will load directly on this page.

SITE FEATURE TABS

On both the Teacher Home and Student Home, Users can view different tabs that dynamically drop down. Users may flip through the many tabs at any time.

The diagram illustrates the dynamic tabs feature. It shows three views of the Teacher Home page:

- Initial State:** Shows three tabs: "VIEW CLASSES", "VIEW TESTS", and "CREATE TEST".
- After Selection:** An arrow points from the "VIEW TESTS" tab to the "GRADED" tab, which is now highlighted in blue. This indicates the tab has been selected.
- Expanded View:** The "GRADED" tab is expanded, showing a table of graded tests. The table has columns: Test, Class, Due Date, and Complete. It lists one entry: "Test 4" in "Oral Communications" on "4/12/16" with a status of "2 / 2".

SITE FEATURE DIALOG BOXES

On multiple locations throughout the site, users will interact with features that will appear on the screen without the need of navigating to a completely different page.
Close these by selecting the "X" in the top right.

The screenshot shows the Teacher Home interface with a 'View Classes' dialog box overlaid. The dialog box contains a table titled 'Students' with columns for ID, Name, Email, and Grade. A cursor is hovering over one of the student rows.

ID	Name	Email	Grade
111122	Abata, Josh	josh@pcci.edu	N/A
111113	Arcino, Paul	hash@brown.yum	65.91%
111128	Davis, Jesse	jesse.davis@pcci.edu	44.08%
111137	Scheffel, Jereme	bestdudealert@gmail.com	N/A
3	Swan, Daniel		67.65%
111129	Wallace, Christena	c.w@pcci.edu	N/A

The screenshot shows the 'View Classes' tab of the Teacher Home interface. It displays a table of current classes with columns for Course #, Course Name, # of Students, and Course Average. A 'Select to View Enrolled Students' link is also present.

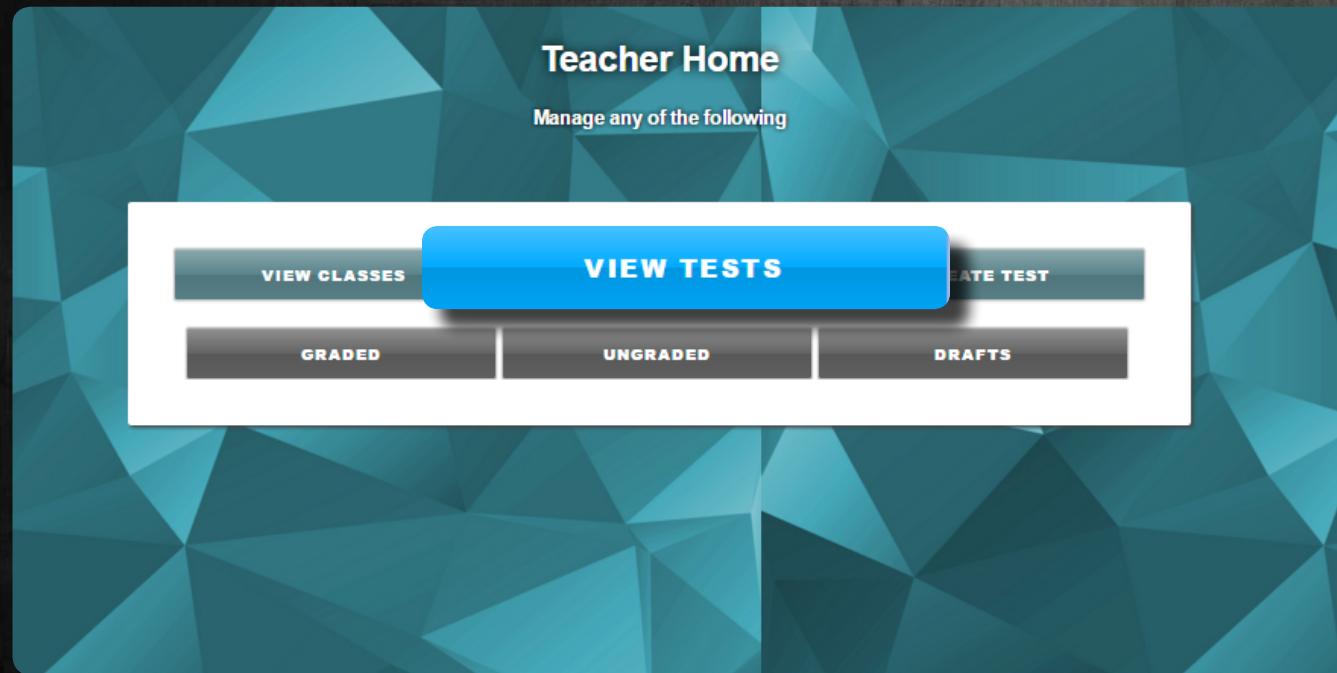
Course #	Course Name	# of Students	Course Average
EN 360	Advanced Grammar	0	N/A
HI 201	American History	19	67.64%
NU 410	Senior Nursing Seminar	6	60.44%
PE 168	Sailing	2	26.52%
SP 410	Oral Communications	2	40.00%
TT101	Test 1	5	75.00%

- Under the "View Classes" Tab, the User will be able to see the classes they are currently instructing.
- To view the class roster and their averages, click on a class.

Teacher Home
Manage any of the following

VIEW CLASSES **VIEW TESTS** **CREATE TEST**

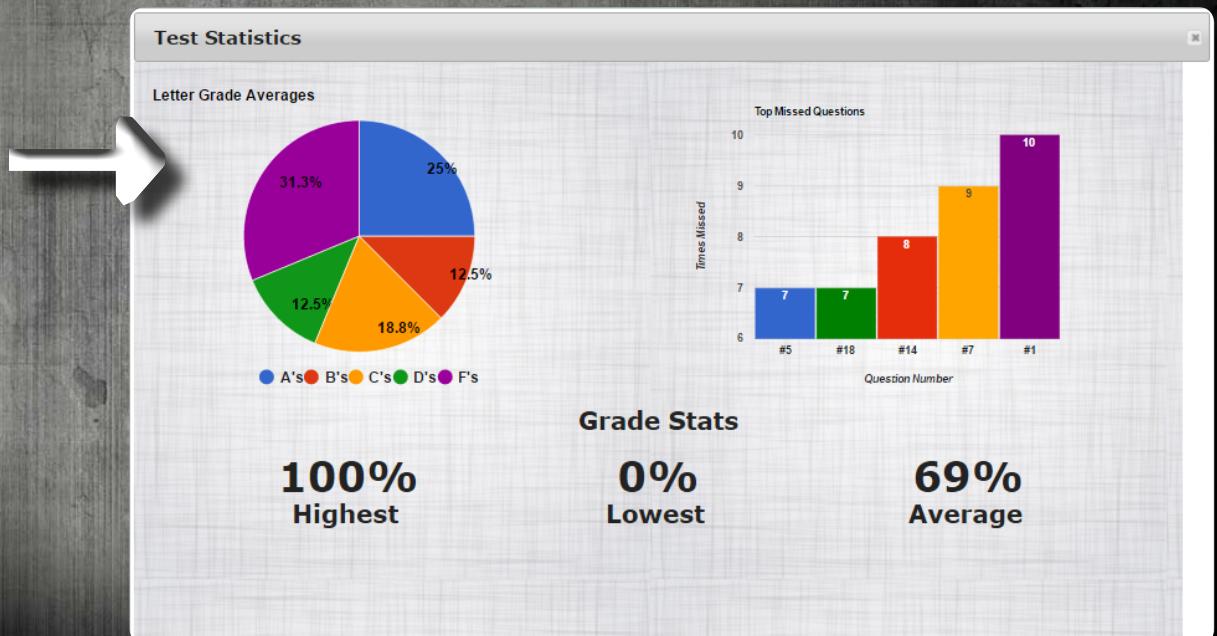
GRADED | **UNGRADED** | **DRAFTS**



Under the "View Tests" Tab, users will have the option to select from a sub-menu. The options are to view Graded Tests, Ungraded Tests that are pending teacher's response, and Drafts that were not yet submitted for Students to take.

SITE FEATURE **STATISTICS**

On multiple locations throughout the Teacher's Home, users will have the option to generate Test Statistics. This will show top missed questions, the number of letter grades, the highest, lowest, and average percentages.



Teacher Home
Manage any of the following

VIEW CLASSES **VIEW TESTS** **CREATE TEST**

GRADED **UNGRADED** **DRAFTS**

Graded Tests
Select to view test results

Class	Test	Due Date	Complete	Stats
Oral Communications	Test 4	4/12/16	2 / 2	
Sailing	Test 4	4/21/16	2 / 2	

When a Test is fully graded from the Teacher, and all Test Grades are Finalized, the Teacher can view the Test in this Tab. Users can Click the test to see individual Student's answers.

Good evening, Jereme

Select a student's test to view their results

Whiting, Andrew	VIEW
Rigsby, Jonathan	VIEW
Davis, Jesse	VIEW
Van, Daniel	VIEW
Barrow, Jack	VIEW
Hughen, David	VIEW

Andrew's Test 1 - American History
100.00% A+

T/F Questions

1) Lincoln was the first president to be assassinated.
 True ✓ False
3.0 / 3 Points

2) Lincoln was assassinated at Ford's Theater.
 True ✓ False
3.0 / 3 Points

3) The United States is a Democracy.
 True False ✓
3.0 / 3 Points

4) President Barack Obama was elected in 2009.
 True False ✓
3.0 / 3 Points

VIEWING EACH STUDENT'S FINALIZED TEST

The user will be redirected to view the "Test Results Page" where the Teacher can see every individual Student's answers.

Teacher Home

Manage any of the following

VIEW CLASSES **VIEW TESTS** **CREATE TEST**

GRADED **UNGRADED** **DRAFTS**

Active Tests

Select to Grade Submitted Tests

Class	Test	Due Date	Ungraded	Complete	Stats
Senior Nursing Seminar	Test 1	3/3/16	4	5 / 6	
Senior Nursing Seminar	Test 2	3/29/16	2	3 / 6	
Senior Nursing Seminar	Test 5	4/4/16	2	2 / 6	

When a Test is completed and submitted by a student, the Teacher will see it appear in this tab. Statistics are viewable for currently Graded Tests. Teachers will then click on a test to be navigated to the Grade Test Page.

Good evening, Jereme

Select a student's test to grade

Abata, Josh	GRADE
Alion, Karmell	GRADE
Davis, Jesse	GRADE
Wallace, Christena	GRADE

FINALIZE GRADE

Grading Symbols

← - Student gave no answer
✓ - Student gave correct answer
✗ - student gave wrong answer

Christena's Test 1 - Senior Nursing Seminar

T/F Questions

1) White blood cells are part of the immune system. 1.0 / 1 Point
 True ✓ False

2) Adding 1.0 / 1 Point
 True ✓ False

3) Do you ever feel like a plastic bag? 0.0 / 1 Point
 True ✓ False ✗

4) Ggg 0.0 / 1 Point
 True ✓ False ✗

GRADING SUBMITTED TESTS

Teachers can select individual Students who have submitted a test and Grade the True/False, Multiple Choice, and Matching automatically. If there are any Essays, scroll down on each test and review each Student's test and assign them a point grade. When the Essays are complete, to complete grading for the current student, simply select **FINALIZE GRADE**.

VIEW TESTS

Teacher Home
Manage any of the following

VIEW CLASSES **VIEW TESTS** **CREATE TEST**

GRADED **UNGRADED** **DRAFTS**

Inactive Tests
Select to Edit Saved Drafts

Class	Test	Active Date
Oral Communications	Test 10	N/A
Senior Nursing Seminar	Test 11	N/A
Senior Nursing Seminar	Test 12	N/A

When a Test was created and not set as "Active" or is not within the Active Date, it will appear within the Drafts Tab and can be opened to edit at any time.

SITE FEATURE SAVING PROGRESS

Teachers and Students can leave at any point and even close the page and return right back to where they left off.

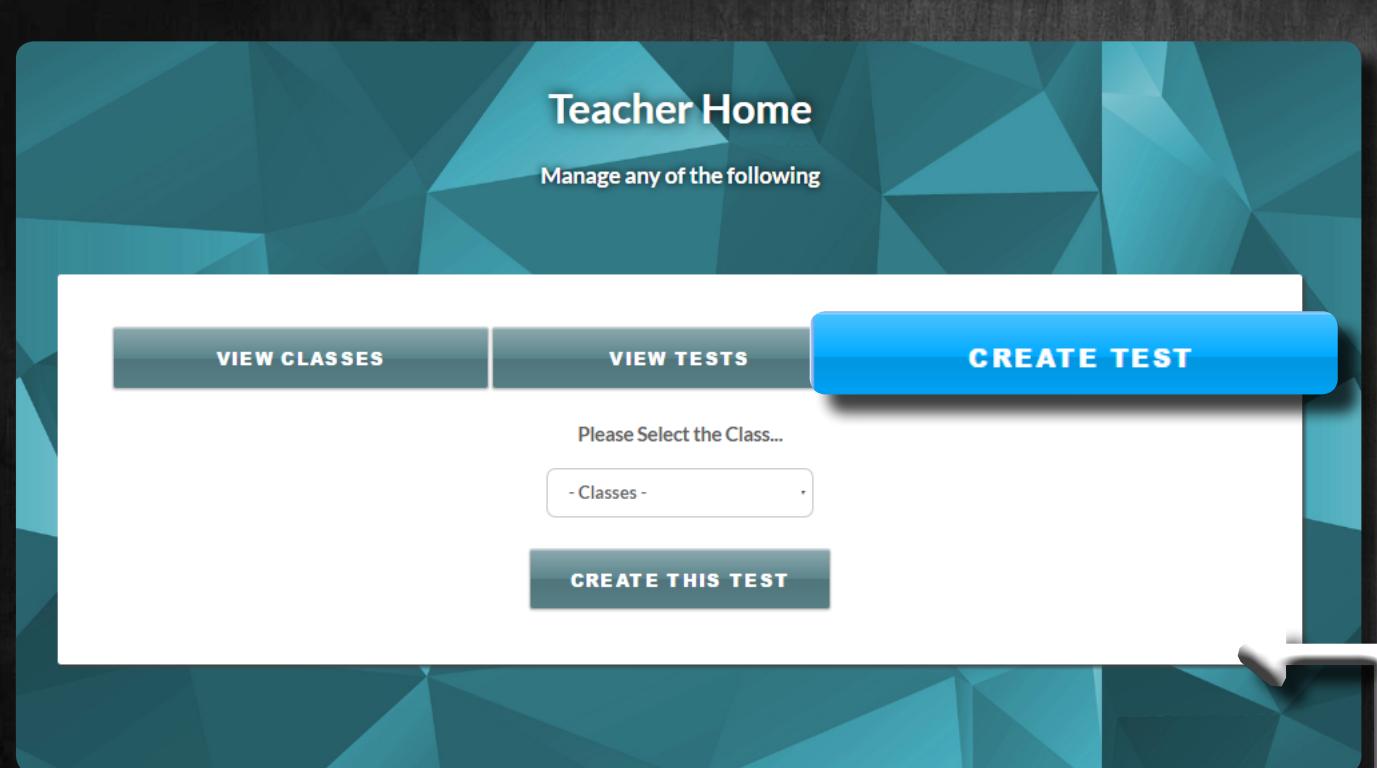


Select "Save and Close" or navigate off the page without clicking "Save".

Students will have test progress saved and will have the allocated time to finish the test.

TEACHER

CREATE TEST



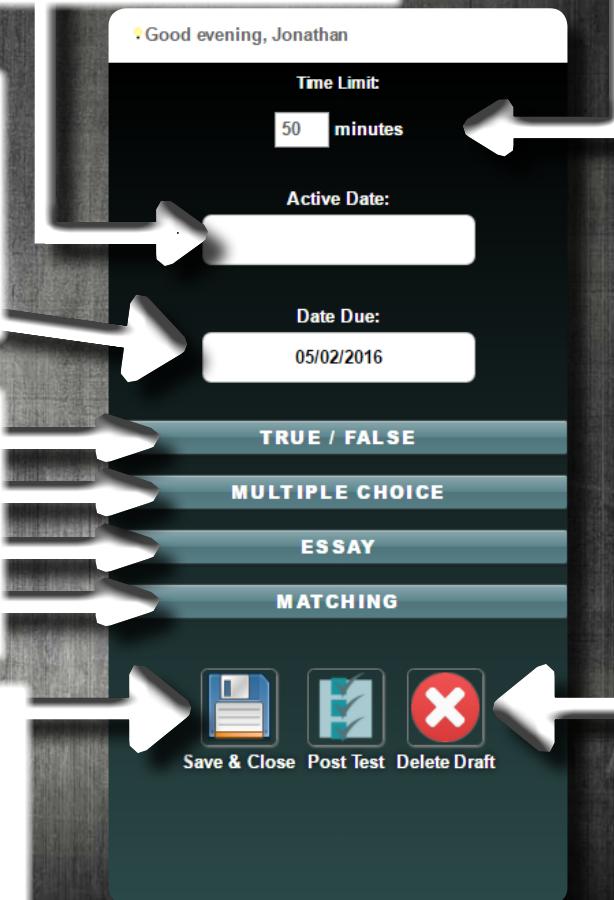
To begin a key feature of Test Creation, from the Teacher Home, Select the "Create Test" tab, Select what class the test is for from the Teacher's instructed classes, and Click **CREATE THIS TEST**

Teachers can set a date to automatically publish the test or explicitly "Post Test" now for Students to take.

Select the corresponding button to add that type of question.

Select the corresponding button to add that type of question.

Explicitly Save & Close or Navigate away and all progress will be saved.



Question Features

- Edit
- Delete
- Move Up
- Move Down

The user has the ability to completely delete a draft.

TRUE / FALSE

True / False Questions can be added and will be grouped under the True / False Section. All point values can be changed.

True/False Question Entry

Enter a True/False Question

True False

1 Point(s)

SUBMIT

RESET

MULTIPLE CHOICE

Multiple Choice may have as many answers as desired by adding (+) or removing (x) answers.

Multiple Choice Question Entry

Enter a Multiple Choice Question

- A) Answer
- B) Answer
- C) Answer
- D) Answer

+ Add Answer

1 Point(s)

SUBMIT RESET

ESSAY

Essay Questions will be manually graded by the Teacher, so the top portion is what the Student will answer, and the bottom is the Answer Key shown only to the Teacher.

Essay Question Entry

Enter an Essay Question

Enter an answer

1 Point(s)

SUBMIT RESET

MATCHING

A Matching Section will include the Questions, the appropriate matching answer, and the Answer word bank Students will see.

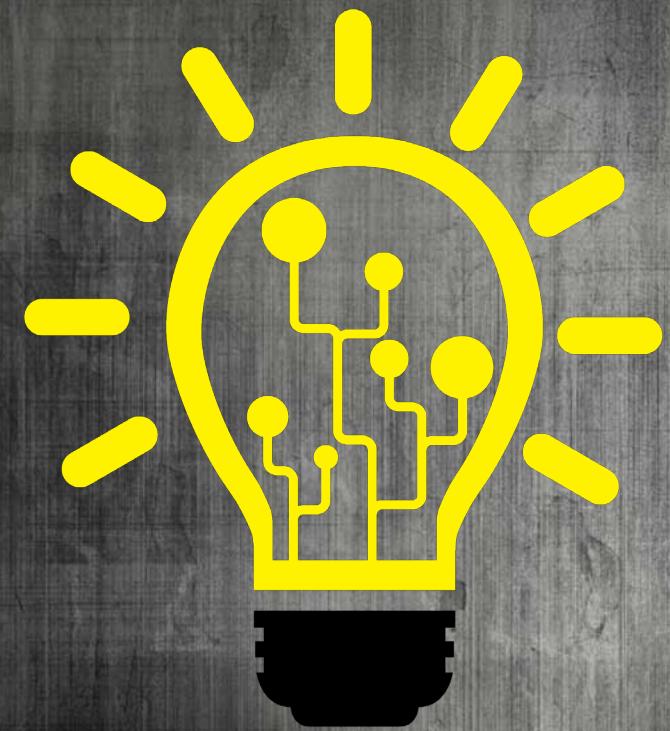
Matching Section Entry

Enter a Matching Section Description

Questions & Match	Answers
a · a	<input type="text"/>
a · b	<input type="text"/>
a · c	<input type="text"/>
a · d	<input type="text"/>
a · e	<input type="text"/>
a · f	<input type="text"/>
a · g	<input type="text"/>
a · h	<input type="text"/>
a · i	<input type="text"/>
a · j	<input type="text"/>

1 Point(s)

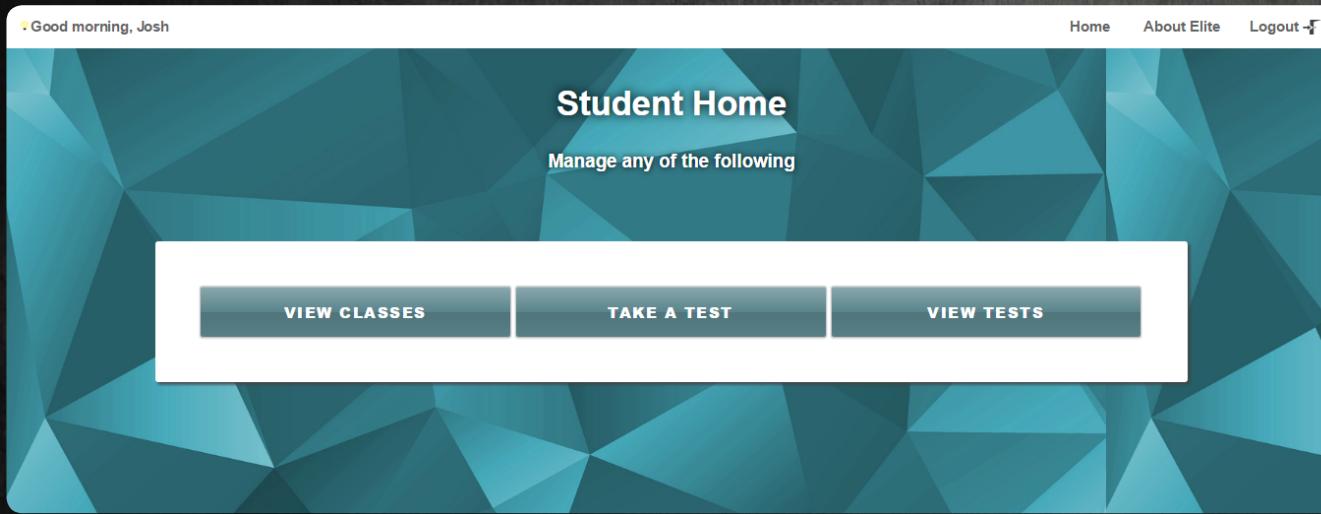
SUBMIT RESET



STUDENTS

STUDENT

VIEW GRADES



STUDENT HOME

- With the simple navigation, the user has the choice to manage any of the choices such as viewing their classes, taking assigned tests, or viewing answers of previously taken tests.
- The Home Page is the main console the User will interact with. Most of the features are interactive and will load directly on this page.

The screenshot shows the same dark-themed web application. The main content area is titled 'Student Home' and contains the sub-instruction 'Manage any of the following'. Three buttons are visible: 'VIEW CLASSES' (highlighted in blue), 'TAKE A TEST', and 'VIEW TESTS'. Below these buttons, a table titled 'Enrolled Classes' is displayed. The table has three columns: 'Course ID', 'Course Name', and 'Course Average'. It lists two courses: CS 214 (C Programming) with N/A average, and CS 227 (Data Structures And Algorithms) with N/A average.

Course ID	Course Name	Course Average
CS 214	C Programming	N/A
CS 227	Data Structures And Algorithms	N/A

Students can use the Tab feature to view their current classes and their overall average in each class.

STUDENT

TAKE TESTS

The screenshot shows the 'Student Home' interface. At the top, there are three buttons: 'VIEW CLASSES' (dark grey), 'TAKE A TEST' (blue), and 'VIEW TESTS' (dark grey). The 'TAKE A TEST' button is highlighted. Below these buttons, the text 'Manage any of the following' is displayed. Underneath, a table titled 'Need To Complete' lists one test entry:

Class #	Class Name	Test #	Date Due	Time Limit	Test Status	# of Questions
CS 214	C Programming	Test 1	5/2/16	50 Minute(s)	Not Started	8

The screenshot shows the 'Testing Center' interface. At the top, there is a navigation bar with 'Home', 'About Elite', and 'Logout'. The main area displays a test titled 'C Programming - Test 1'. On the left, there is a 'Time Limit on test:' section with a lightbulb icon, a progress bar, and a 'COMPLETE TEST' button. On the right, there is a large blue 'START' button with a white arrow pointing towards it.

- The "Take A Test" Tab will show the assigned Tests.
- Details will be displayed such as the Class, Test Number, Time Limit, Status of the Test, and the number of questions.
- Test Statuses can be not started, display the expiration time, or pending pledge response.
- To take a Test, Click on a test and be brought to the Testing Center.

- From the previous step, Students will be brought to the Testing Center. The initial screen will display a large "Start" Button.
- When the Student is ready to take the test, click on

STUDENT

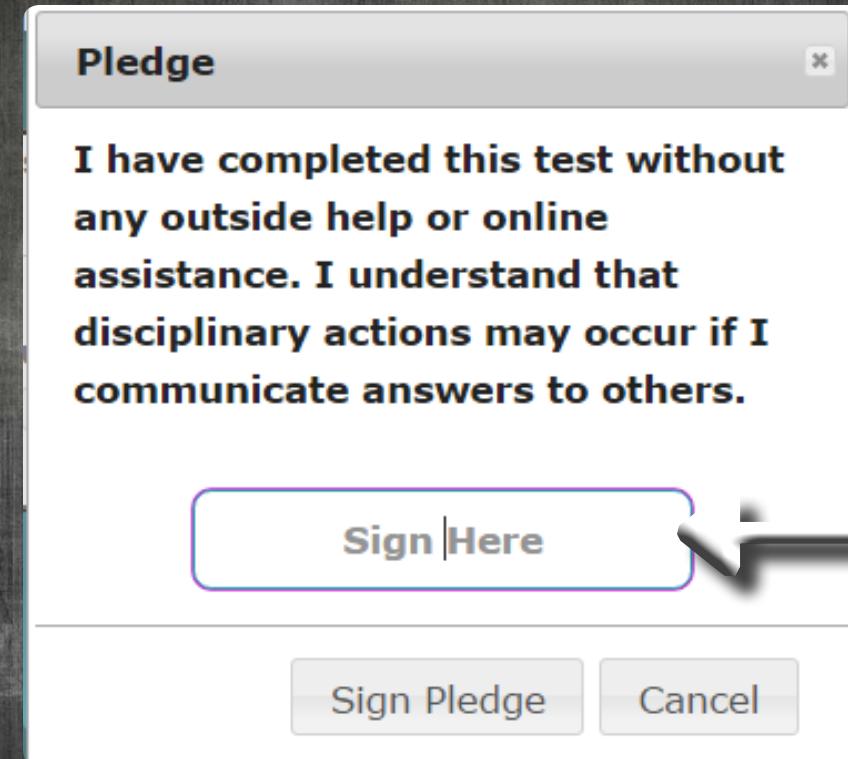
TAKE TESTS

Once the test has began, Students will see the time left and a dynamic progress bar in the sidebar.

The current test will then be taken in the right side of the screen. Students will answer the questions that the Teacher made on this Test.

A screenshot of the student interface. At the top, it says "Good afternoon, Josh". Below that is a lightbulb icon. The main area shows "C Programming - Test 1". On the left, there's a sidebar with "Time Limit on test:" and "Time Left: 49 : 56". A progress bar shows 0%. At the bottom of the sidebar is a blue button labeled "COMPLETE TEST". The main content area shows two T/F Questions. Question 1 asks if there are only 2 types of loops, with "True" and "False" options. Question 2 asks if a test is a type of loop, with "True" and "False" options. Below these are sections for "Multiple Choice Questions" and "Short Answer Questions".

- When the Student is complete and would like to submit the Test, simply click on **COMPLETE TEST** and the Pledge will appear.
- Students will then type their name to agree to the pledge.



PLEDGE

When the Student selects **COMPLETE TEST** A dialog box will open to confirm the submission. To continue and finalize answers, type in the Student's name and click "Sign Pledge"

STUDENT

VIEW TESTS

The screenshot shows the "Student Home" interface. At the top, there are three tabs: "VIEW CLASSES", "TAKE A TEST", and "VIEW TESTS". The "VIEW TESTS" tab is highlighted with a blue background. Below it, there are two sub-tabs: "GRADED" and "UNGRADED", with "GRADED" being the active one. A sub-menu titled "Graded Tests" is displayed, containing the instruction "Click a Test to view the missed questions". A table below lists tests by Class #, Class, Test, and Grade. The table shows one entry: "No Graded Tests".

To view Graded Tests, from the Student Home page, select the "View Tests" tab, and from the sub menu, select the "Graded" tab. The table displayed will show the fully graded tests and the Student can select this test to view his or her answers.

The screenshot shows the "Student Home" interface. The "VIEW TESTS" tab is highlighted with a blue background. Below it, there are two sub-tabs: "GRADED" and "UNGRADED", with "UNGRADED" being the active one. A sub-menu titled "Ungraded Tests" is displayed, containing the instruction "Tests pending Teacher response". A table below lists tests by Class #, Class, Test, and Grade. The table shows one entry: "CS 214" under "Class", "C Programming" under "Class", and "Test 1" under "Test".

Once a test has been taken, the Student will have to wait for the Teacher to grade the test. During that time, the Student will be able to see the pending test under the "Ungraded" sub tab from Student Home.

